

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended) A balance weight for a tire/wheel assembly comprising:

a cartridge comprising an interior chamber at least partially filled with a flowable balance media; and

an adhesive means for attaching the cartridge to the tire/wheel assembly;

wherein the cartridge is longitudinally arcuate, at least when attached to the tire/wheel assembly ~~a wheel or a tire~~, about an angle of ~~up to~~ 180 degrees or less;

wherein the cartridge is attached to a non-pressurized side of the tubewell of the tire/wheel assembly or a rim flange of the tire/wheel assembly.

Claims 2-6 (canceled)

Claim 7 (original) The balance weight of claim 1, wherein the flowable media occupies between 5 and 95 percent of the volume of the interior chamber.

Claim 8 (original) The balance weight of claim 1, wherein the flowable media occupies the entire volume of the interior chamber.

Claim 9 (original) The balance weight of claim 1, wherein the flowable media is at least partially comprised of a material selected from the group consisting of ferrous metals, non-ferrous metals, ceramics, plastics, glass, alumina, and polymers.

Claim 10 (original) The balance weight of claim 1, wherein the flowable media is at least partially comprised of a form selected from the group consisting of particulates, spheres, powder, shot, and beads.

Claim 11 (original) The balance weight of claim 1, wherein the flowable media is at least partially comprised of a liquid.

Claim 12 (original) The balance weight of claim 1, wherein the cartridge is manufactured of a polymeric material or a metallic material.

Claim 13 (original) The balance weight of claim 1, wherein the cartridge is manufactured as an extrusion, molded, or fabricated.

Claim 14 (original) The balance weight of claim 1, wherein the cartridge has a cross-sectional geometry in the form generally of a "D", an oval, square, or a rectangle.

Claim 15 (original) The balance weight of claim 1, wherein the cartridge is longitudinally arcuate about an angle of about 90 degrees or less.

Claim 16 (original) The balance weight of claim 1, wherein the cartridge is longitudinally arcuate about an angle of about 15 degrees - 45 degrees.

Claim 17 (withdrawn) The balance weight of claim 1, wherein the cartridge comprises a plurality of interior chambers.

Claim 18 (previously presented) The balance weight of claim 1, wherein the flowable media dampens vibration of the tire/wheel assembly.

Claims 19-24 (canceled)

Claim 25 (new) A method of balancing a tire/wheel assembly comprising the steps of:

providing a tire/wheel assembly;

determining a weight amount of an imbalance of the tire/wheel assembly and a location to correct the imbalance of the tire/wheel assembly using a tire/wheel assembly balancing equipment;

providing at least one balance weight comprising a cartridge comprising an interior chamber at least partially filled with a flowable balance media, wherein the cartridge is longitudinally arcuate,

at least when attached to the tire/wheel assembly, about an angle of 180 degrees or less; and

attaching the at least one balance weight to a non-pressurized side of the tubewell of the tire/wheel assembly or a rim flange of the tire/wheel assembly at the location to correct the imbalance of the tire/wheel assembly.

Claim 26 (new) The method of claim 25, wherein the step of determining a weight amount of an imbalance of the tire/wheel assembly and a location to correct the imbalance of the tire/wheel assembly using a tire/wheel assembly balancing is accomplished by using a spin balance machine or a bubble balancer.

Claim 27 (new) The method of claim 25 further comprising a step of verifying that the tire/wheel assembly is balanced by using a tire/wheel assembly balancing equipment.

Claim 28 (new) The method of claim 25, wherein the step of providing at least one balance weight is accomplished in part by selecting a balance weight from a plurality of balance weights of different weights such that the weight of the selected balance weight matches the amount of weight imbalance of the tire/wheel assembly.

Claim 29 (new) A method of balancing a tire/wheel assembly comprising the steps of:

providing a tire/wheel assembly;

determining a weight amount of an imbalance of the tire/wheel assembly and a location to correct the imbalance of the tire/wheel assembly using a tire/wheel assembly balance equipment;

providing at least one balance weight corresponding to the weight of the amount of the imbalance of the tire/wheel assembly, the at least one balance weight comprising a cartridge comprising an interior chamber at least partially filled with a flowable balance media, wherein the cartridge is longitudinally arcuate, at least when attached to the tire/wheel assembly, about an angle of 180 degrees or less; and

adhesively attaching the at least one balance weight to a non-pressurized side of the tubewell of the tire/wheel assembly at the determined location to correct the imbalance of the tire/wheel assembly such that the tire/wheel assembly is balanced.

Appl. No. 10/806,671  
Amdt. dated April 8, 2005  
Reply to Office action of March 30, 2005

Claim 30 (new) The method of claim 29 further comprising the step of verifying that the tire/wheel assembly is balanced by using the tire/wheel assembly balance equipment.